

OPINION 863

ANTHOCORIS NIGRELLUS ZETTERSTEDT, 1838, *ANTHOCORIS NIGRICORNIS* ZETTERSTEDT, 1838, AND *LYGAEUS PYGMAEUS* FALLÉN, 1807 (INSECTA, HEMIPTERA): DESIGNATION OF NEOTYPES UNDER THE PLENARY POWERS

RULING.—(1) Under the plenary powers all original type material for the nominal species *Anthocoris nigrellus* Zetterstedt, 1838, *Anthocoris nigricornis* Zetterstedt, 1838, and *Lygaeus pygmaeus* Fallén, 1807, is hereby set aside, and the specimens described by Péricart, 1966 (*Bull. zool. Nomencl.* 23 : 122) are hereby designated to be the respective neotypes of those species.

(2) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

- (a) *nigrellus* Zetterstedt, 1838, as published in the binomen *Anthocoris nigrellus*, as interpreted by the neotype designated under the plenary powers in (1) above (type-species of *Elatophilus* Reuter, 1884) (Name No. 2254);
- (b) *nigricornis* Zetterstedt, 1838, as published in the binomen *Anthocoris nigricornis*, as interpreted by the neotype designated under the plenary powers in (1) above (Name No. 2255);
- (c) *stigmatellus* Zetterstedt, 1838, as published in the binomen *Anthocoris stigmatella* (sic) (Name No. 2256);
- (d) *pygmaeus* Fallén, 1807, as published in the binomen *Lygaeus pygmaeus* as interpreted by the neotype designated under the plenary powers in (1) above (type-species of *Acompcoris* Reuter, 1875) (Name No. 2257).

(3) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

- (a) *Elatophilus* Reuter, 1884 (gender: masculine), type-species by designation by Kirkaldy, 1906, *Anthocoris nigrellus* Zetterstedt, 1838 (Name No. 1801);
- (b) *Acompcoris* Reuter, 1875 (gender: masculine), type-species, by designation by Kirkaldy, 1906, *Lygaeus pygmaeus* Fallén, 1807 (Name No. 1802).

HISTORY OF THE CASE (Z.N.(S.) 1732)

The present application was submitted to the office of the Commission by Dr. J. Péricart in March 1966. Dr. Péricart's application was sent to the printer on 22 April 1966 and was published on 29 July 1966 in *Bull. zool. Nomencl.* 23 : 121–123. Public Notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (Constitution Art. 12b; *Bull. zool. Nomencl.* 21 : 184) and to seven entomological serials.

The proposal was supported by Dr. R. C. Froeschner & Dr. J. L. Herring (*Bull. zool. Nomencl.* 24 : 195). An objection and counter-proposal by Dr.

I. M. Kerzhner was published in *Bull. zool. Nomencl.* **24** : 138–140, and Dr. Péricart's comments on this in *Bull. zool. Nomencl.* **24** : 195–196.

DECISION OF THE COMMISSION

On 27 February 1968 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (68)8, in Part 1 either for or against the use of the plenary powers in the present case, and in Part 2 for either Alternative A (Dr. Péricart's proposals as set out in *Bull. zool. Nomencl.* **23** : 122–123) or Alternative B (Dr. Kerzhner's proposals as set out in *Bull. zool. Nomencl.* **24** : 140). At the close of the prescribed voting period on 28 May 1968 the state of the voting was as follows:

Part 1. Affirmative votes—twenty-three (23), received in the following order: China, Holthuis, Melville, Mayr, Vokes, Boschma, Jaczewski, Obruchev, Sabrosky, Lemche, Brinck, Starobogatov, Uchida, Alvarado, Tortonese, Munroe, Binder, Evans, Simpson, Kraus, Bonnet, Mertens, Ride.

Negative votes—one (1): Eisenmann.

Part 2. For Alternative A—fourteen (14): China, Holthuis, Melville, Mayr, Vokes, Boschma, Obruchev, Sabrosky, Lemche, Alvarado, Evans, Simpson, Bonnet, Ride.

For Alternative B—nine (9): Jaczewski, Brinck, Starobogatov, Uchida, Tortonese, Munroe, Binder, Kraus, Mertens.

Voting Papers not returned—one (1): Forest.

Prof. do Amaral returned a late affirmative vote in favour of Alternative B.

The following comments were made by Commissioners in returning their votes:

Dr. C. W. Sabrosky (28.iii.68): "Kerzhner commented (*Bull.* **24** : 139, point 3, paragraph 3) that 'Reuter (1871, 1884) made no indication, that he had seen the types of *Anthocoris nigrella*.' Froeschner and Herring have called my attention to page 403, paragraph 2 in Reuter's 1871 paper. He specifically mentioned (by footnote) six Zetterstedt species described in the *Inseca Lapponica*, including *nigrella*, *stigmatella* and *nigricornis*, and wrote: 'Senaste sommar var jag i tillfälle att genomgå typexamplaren till dessa arte' (Last summer I had the occasion to examine the type specimens of these species). Reuter also mentioned seeing Fallén's types and the Sahlberg collection.

"In the absence of proof otherwise, I would prefer to believe that Reuter correctly identified the species of which he had seen the types, and that the designation of neotypes is desirable to correct the later misadventures of the Zetterstedt material in labelling or sorting."

Prof. Per Brinck (5.iv.68): "Prof. Frej Ossiannilsson, Uppsala, a foremost specialist in Hemiptera who has revised the Fallén material of Lygaeidae, and myself have investigated the case thoroughly. We have been assisted by Dr. Hugo Andersson at the Entomological Museum of Lund who is in charge of the collection in question.

"The result is that we support Dr. Kerzhner's proposal fully. In every detail it agrees with present material."

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists by the Ruling given in the present Opinion:

Acompocoris Reuter, 1875, *Bihang till K. svenk. Vet.-Akad. Handl.* 3(1) : 63
Elatophilus Reuter, 1884, *Mon. Anthocorid. Orbis Terrestris* : 56
nigrellus, *Anthocoris*, Zetterstedt, 1838, *Ins. Lapp.* : 265
nigricornis, *Anthocoris*, Zetterstedt, 1838, *Ins. Lapp.* : 265
stigmatellus, *Anthocoris*, Zetterstedt, 1838, *Ins. Lapp.* : 266
pygmaeus, *Lygaeus*, Fallén, 1807, *Mon. Cimicum Svec.* : 73

The following are the original references for designations of type-species for genera concerned in the present Ruling:

For *Acompocoris* Reuter, 1875 : Kirkaldy, 1906, *Trans. Amer. ent. Soc.* 32 : 120
For *Elatophilus* Reuter, 1884 : Kirkaldy, 1906, *Trans. Amer. ent. Soc.* 32 : 120

CERTIFICATE

We certify that the votes cast on Voting Paper (68)8 were cast as set out above, that the proposal contained in that Voting Paper as Alternative A has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 863.

R. V. MELVILLE

Secretary

W. E. CHINA

Assistant Secretary

International Commission on Zoological Nomenclature

London

1 July 1968